



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ryo Ito, et al.

Examiner: Unassigned

Serial No: 10/007,015

Art Unit: 2681

Filed: December 4, 2001

Docket: 15144

For: WIRELESS COMMUNICATION  
DEVICE WITH AN IMPROVED  
ANTENNA STRUCTURE

Dated: November 5, 2002

Assistant Commissioner for Patents  
United States Patent and Trademark Office  
Washington, D.C. 20231

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NOV 14 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- ✓ 1. European Patent Application No. 0 246 026 A2, dated November 19, 1987;
- ✓ 2. United Kingdom Patent Application No. 2 255 460 A, dated November 4, 1992;
- ✓ 3. United States Patent No. 5,367,311, dated November 22, 1994;
- ✓ 4. European Patent Application No. 0 924 795 A1, dated June 23, 1999;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on November 5, 2002.

Dated: November 5, 2002

Michelle Mustafa

- 5. United Kingdom Patent Application No. 2 345 209 A, dated June 28, 2000;
- 6. United States Patent No. 6,147,652, dated November 14, 2000;
- 7. International Patent Application No. WO 01/26181 A1, dated April 12, 2001; and
- 8. International Patent Application No. WO 02/29988 A1, dated April 11, 2002.

The references were cited in a Search Report received from the United Kingdom Patent Office dated September 17, 2002. Applicant is submitting copies of the above-cited references, together with a copy of the Search Report. The relevance of the above-identified references has been described in the Search Report.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Paul J. Esatto, Jr.  
Registration No. 30,749

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

PJE:dg



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Ryo Ito, et al.

Examiner:

Unassigned

Serial No.: 10/007,015

Group Art Unit:

2681 **RECEIVED**

Filed: December 4, 2001

Docket:

15144 SEP 12 2003

For: **WIRELESS COMMUNICATION  
DEVICE WITH AN IMPROVED  
ANTENNA STRUCTURE**

Technology Center 2600

Dated:

September 9, 2003

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

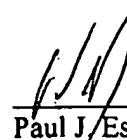
In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Abstract of PCT International Publication No. WO 99/22420, dated May 6, 1999.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on September 9, 2003.

Dated: September 9, 2003



Paul J. Esatto, Jr.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Ryo ITO, et al.

Examiner: Unassigned

Serial No.: 10/007,015

Art Unit: 2681

Filed: December 4, 2001

Docket: 15144

For: WIRELESS COMMUNICATION  
DEVICE WITH AN IMPROVED  
ANTENNA STRUCTURE

Dated: April 6, 2004

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Confirmation No.: 7932

APR 12 2004

Commissioner for Patents  
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Alexandria, VA 22313-1450

Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT**

Sir:

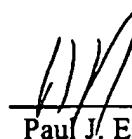
In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. European Patent Application No. EP 0 694 984 A1, published January 31, 1996, together with English language translation.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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Dated: April 6, 2004



Paul J. Esatto, Jr.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-50) PATENT AND TRADEMARK OFFICE		Atty. Docket No. (Optional)	Application Number
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>		15144	10/007,015
(Use several sheets if necessary)			
 Applicant(s) Ryo ITO, et al.			
Filing Date December 4, 2001		Group Art Unit 2681	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						<b>RECEIVED</b>
	AC						JUL 09 2004
	AD						
	AE						Technology Center 2600

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>KN</i>	Chinese Office Action dated April 2, 2004 with English language translation

EXAMINER <i>Changyan</i>	DATE CONSIDERED <i>2/5/2005</i>
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	